

## Memorandum

Date : May 10, 2000  
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To : William J. Keese, Chairman      File:  
Michal C. Moore  
Robert A. Laurie  
Robert Pernell

From : California Energy Commission - Steve Larson  
1516 Ninth Street      Executive Director  
Sacramento, CA 95814-5512

Subject : **THIRD DATA ADEQUACY RECOMMENDATION FOR THE  
MOUNTAINVIEW POWER PLANT PROJECT - (00-AFC-2)**

The staff has completed its data adequacy review of the AFC Supplement submitted on May 1, 2000, for the areas of cultural, paleontological, visual and water resources. I have determined that the AFC now contains all the information required by Cal. Code of Regs., tit. 20, § 1704, Appendix B. Attachment A contains staff's detailed data adequacy worksheets that describe staff's findings for each information requirement.

At the Energy Commission's business meeting on May 17, 2000, I will be recommending that the Energy Commission accept the AFC and appoint a committee to oversee the balance of the application process.

If you have any questions, please call James W. Reede, Jr., staff's Project Manager, at (916) 653-1245.

SL:JR:jr

Attachments

cc: Emilio E. Varanini, III

**ATTACHMENT A**

**ENERGY COMMISSION STAFF'S  
Data Adequacy Worksheets**

**MOUNTAINVIEW POWER PLANT PROJECT  
00-AFC-2**

May 10, 2000

``Adequacy Issue: Adequate ☒ Inadequate ☐

## DATA ADEQUACY WORKSHEET

Revision No. 2 Date 4/ 5/8/00

Technical Area: Cultural Resources

Project: Mountainview

Technical Staff: Dorothy Torres

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC Vol I, p. 6.2-2 AFC Vol I, p. 6.2-17 AFC Vol I, p. 6.2-17 AFC Vol I, pp. 6.2-17 to 6.2-19 Data Adequacy Responses Vol III, p. 1  Second Supplement to Application for Certification p. 6.2-17a	YES	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	AFC Vol I, p. 6.2-6 Data Adequacy Responses Vol III, pp. 6.2-6 to 6.2-6a  Second Supplement to Application for Certification Figure 6.2-1	YES	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	AFC Vol I, p. 6.2-2 AFC Vol I, pp. 6.2-2 & 6.2-3 AFC Vol I, pp. 6.2-14 & 6.2-15 Data Adequacy Responses Vol III, p. 1 and Appendix 6.2A	YES	

Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	AFC Vol I, p. 6.2-3 AFC Vol I, pp. 6.2-14 to 6.2-17 Data Adequacy Responses Vol III, p. 2  Second Supplement to Application for Certification, p. 6.2-11  Second Supplement to Application for Certification, Confidential Filing, Figures 1a, 1b, 1c.  Additional Confidential Information to Second Supplement, docketed	YES	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	5/8/00 Data Adequacy Responses Vol III p. 2 and Supplemental Appendix, p. 6.2-B  Second Supplement to Application for Certification, Appendix 6C.	YES	
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	AFC Vol I, p. 6.2-18  AFC Vol I, p. 6.2-17  AFC Vol I, p. 6.2-18	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC Vol I, p. 6.2-12  AFC Vol I, p. 6.2-13	YES	

Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC Vol I, p. 6.2-13	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC Vol I, pp. 6.2-18 & 6.2-19	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC Vol I, p. 6.2-13	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC Vol I, p. 6.2-13	YES	

Adequacy Issue: Adequate ☒ Inadequate ☐

## DATA ADEQUACY WORKSHEET

Revision No. 2 Date 05/02/00

Technical Area: Paleontological Resources

Project: Mountainview Power Plant

Technical Staff: Robert Anderson

Project Manager: James Reede

Docket: 00-AFC-02

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 6.16-1 to 6.16-16; Section 6.16.1 to 6.16.4.3	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Page 6.17-1; Section 6.17.1.1 Pages 6.16-3 to 6.16-9; Section 6.16.1.2	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Pages 6.16-2 to 6.16-9; Sections 6.16.1.1 to 6.16.1.2	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Pages 6.16-3 to 6.16-9; Section 6.16.1.2 of the AFC for the Mountainview Power Plant and Page 6.16-9; Section 6.16.1.2 of volume three of the AFC, Data Adequacy Responses, March 2000	Yes	

Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Paleontological Resources Assessment Mountainview Power Project Mountainview Power Company, LLC. San Bernardino County, California Field Research and Survey Report, dated 3/9/00; Page 6.16-9, Section 6.16.1 (revised April 2000) and Figures 1a-1c Paleontologic Resource Sensitivity Map and Field Survey Locations, dated 4/24/00, scale: 1:24000	Yes	
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Page 6.16-15; Section 6.16.4.1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.16-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.16-3 of Volume three of the AFC Data Adequacy Responses, March 2000	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 6.16-10 and 11; Section 6.16.2 to 6.16.2.4	Yes	

Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.16-3 of volume three of the AFC Data Adequacy Responses, march 2000	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 6.16-11; Section 6.16.2.5	Not Applicable	



Adequacy Issue: Adequate ☒ Inadequate ☐

## DATA ADEQUACY WORKSHEET

Revision No. 3 Date May 8, 2000

Technical Area: Visual Resources

Project: Mountainview Power Plant Project

Technical Staff: Eric Knight

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 6.6-3; Section 6.6.1.2 Page 6.6-19; Section 6.6.3.3 Pages 6.6-20 – 6.6-45; Section 6.6.3.4 Page 6.6-45; Section 6.6.3.6 Page 6.6-46; Section 6.6.4	YES	
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Pages 6.6-1 – 6.6-7; Section 6.6.1.2 Pages 6.6-11 – 6.6-19; Section 6.6.3.2	YES	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(F);	Figure 6.6-2	YES	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Pages 6.6-20 – 6.6-21; Table 6.6-4 Figure 2.15-5	YES	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Pages 6.6-11 – 6.6-19; Section 6.6.3.2	YES	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Pages 6.6-11 – 6.6-19; Section 6.6.3.2	YES	

Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, <del>such as a road or river.</del>	Page 6.6-13, 6.6-15, and 6.6-19; Section 6.6.3.2 Data Adequacy Responses (Vol. 3); Supplemental Appendix 6.6-A	YES	
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Page 6.6-20; Section 6.6.3.4.1 Pages 6.6-20 – 6.6-21; Table 6.6-4	YES	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figure 1.1-2 Figures 6.6-7 – 6.6-10	YES	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Page 6.6-20; Section 6.6.3.4.1 Pages 6.6-21 – 6.6-30; Section 6.6.3.4.2 Pages 6.6-31 – 6.6-45; Section 6.6.3.4.3 Page 6.6-45; Section 6.6.3.4.4	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 6.6-8; Table 6.6-1 Page 6.6-9; Section 6.6.2.2 Data Adequacy Responses (Vol. 3); Replacement pages 6.6-9, 6.6-9a-d  Second Data Adequacy Supplement; Replacement pages 6.6-8 – 6.6-8c	YES	

Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 6.6-9; Table 6.6-2	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 6.6-20 – 6.6-45; Section 6.6.3.4 Data Adequacy Responses (Vol. 3); Replacement pages 6.6-9, 6.6-9a-d  Second Data Adequacy Supplement; Replacement pages 6.6-9 – 6.6-9d	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 6.6-9; Table 6.6-2	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 6.6-9; Section 6.6.2.2	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

## DATA ADEQUACY WORKSHEET

Revision No. 2 Date May 8, 2000

Technical Area: Water Resources

Project: Mountainview Power Facility

Technical Staff: L. White/J. O'Hagan

Project Manager: James Reede

Docket: 00-AFC-2

Technical Senior: James Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 6.14, pgs 6.14-1 to 6.14-28 Section 5.2.3, pgs. 5-2 & 3 Appendix K  Supplement, pgs. 6.14-7, 6.14-15 to 6.14-22a Table 6.14-1 Supplemental Appendix A, B & C Supplement 2: Appendix 6.14-H; p. 6.14-14 to 6.14-14b	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:			
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Table 6.14-3  Supplement, pg. 6.14-7, Table 6.14-1 and pgs. 6.14-15d to 6.14-15u	Yes	
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.			Please see water quality information on the following pages.
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	Section 6.14.1.1 Appendix K, Section 3		

Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Section 6.14.1.1 to Section 6.14.1.3, pgs. 6.14-1 to 6.14-14 Appendix K, Section 3.7 Figure 6.14-1 and 2 Ap. Table 1  Supplement, Figure 6.14-2, pgs. 6.14-6, 6.14-6a, and 6.14-9 to 6.14-9c <del>Supplement 2: 6.14-6a</del>	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Section 6.14.1.4, pg. 6.14-14 pgs. 6.13-11 to 6.13-18	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.		See FACILITY DESIGN	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Pg. 1-5, 2-37, 5-2 Section 2.13, pgs. 2-42 to 2-45 Appendix K, pg. 2/21 to 3/21  Supplement, pgs. 2-43, 2-43a, <del>Appendix 2-B</del>	Yes	
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Section 2.8.1, pg. 2-24 Table 2.8-1 Section 6.14.1.2 & 6.14.1.3, pgs. 6.14-6 to 6.14-14 Tables 6.14-1, 6.14-3  Supplement, pgs. 6.14-15 to 6.14-15u	Yes	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Section 2.13, pg. 2-42 & 2-43 Table 2.13-1 & 2.13-2 Pg. 6.14-22 Appendix K, pg. 2/21	Yes	

Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Section 2.2.3, pg. 2-7 to 2-10 Table 2.4-1, pg. 2-17 Figures 2.8-1, 2.8-2, 6.14-7 & 6.14-8 Section 2.11.2 & 2.11.3, pgs. 2-37 & 2-38 Section 6.14.1.6, pgs. 6.14-15 & 6.14-16  Supplement, pgs. 6.14-17, 6.14-17a, 6.14-15h-6.14-15u, Table 6.14-1 <del>Supplement 2, p. 6.14-15v</del>	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	<del>Section 2.8.1.2, pg. 2-24</del> Section 6.14.1.7, pg. 6.14-17		
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and		See FACILITY DESIGN	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.		See FACILITY DESIGN	
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Section 6.14.3.4, pg. 6.14-26  Supplement, Appendix A & E Supplement 2: Appendices 6.14-F & 6.14-G	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sections 6.14.3.1 & 6.14.3.2, pgs. 6.14-22 to 6.14-26	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.		See FACILITY DESIGN	

Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 6.14-4 pg. 6.14-20  Supplement, pgs. 6.14-20, 6.14-20a, Table 6.14-4 and Appendix 6.14-D	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.14-4, pgs. 6.14-20 & 21  Supplement, Table 6.14-5	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.14.4, pgs. 6.14-26 & 27  Supplement, Appendix 6.14-D	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.14-5, pg. 6.14-21  Supplement, Table 6.14-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 6.14.2.5, pg. 6.14-22  Supplement, Appendix 6.14-D	Yes	